

1. INTEGRAL CONCRETE COLOR TO BE DETERMINED
2. SIGN WEIGHT: 2200 LBS
3. CONCRETE MIX DESIGN TO INCLUDE 8.5 SACKS PORTLAND CEMENT PER YARD OF CONCRETE WITH A MAXIMUM AGGREGATE SIZE OF 3/4". CONCRETE TO BE REINFORCED WITH #4 AND #5 GRADE 60 REBAR GRID. CURED CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 7000 PSI. IN 28 DAYS.
4. ALL FORMED SURFACES SHALL BE FULLY ROUNDED AND SMOOTH FINISHED. FINISH OF ALL SURFACES TO BE SEALED WITH (3) COATS ANTI GRAFFITI SEALER.

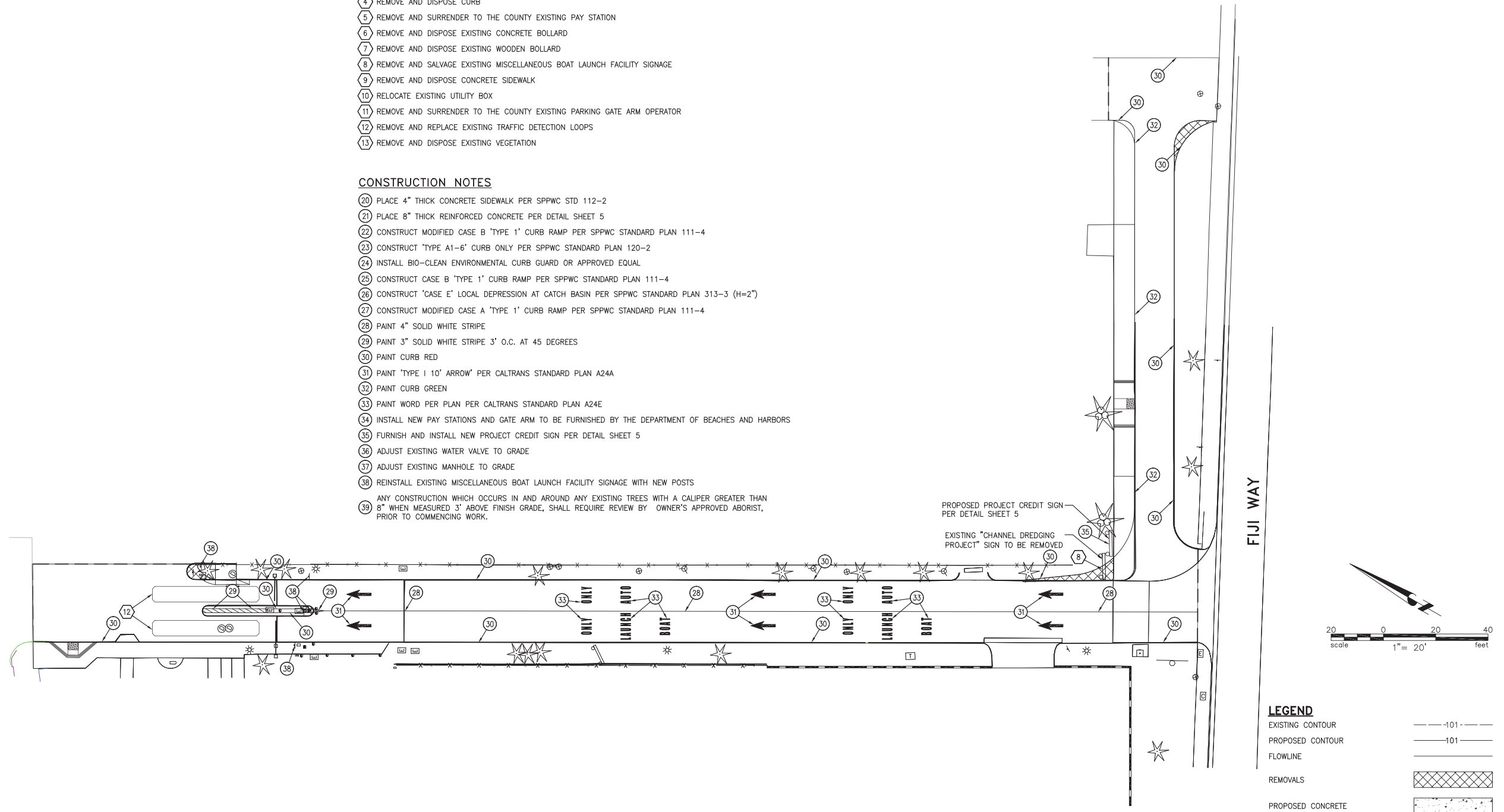
In ground footing by others

DEMOLITION NOTES

- 1 SAWCUT
- 2 REMOVE AND DISPOSE CONCRETE
- 3 REMOVE AND DISPOSE AC PAVEMENT AND AGGREGATE BASE
- 4 REMOVE AND DISPOSE CURB
- 5 REMOVE AND SURRENDER TO THE COUNTY EXISTING PAY STATION
- 6 REMOVE AND DISPOSE EXISTING CONCRETE BOLLARD
- 7 REMOVE AND DISPOSE EXISTING WOODEN BOLLARD
- 8 REMOVE AND SALVAGE EXISTING MISCELLANEOUS BOAT LAUNCH FACILITY SIGNAGE
- 9 REMOVE AND DISPOSE CONCRETE SIDEWALK
- 10 RELOCATE EXISTING UTILITY BOX
- 11 REMOVE AND SURRENDER TO THE COUNTY EXISTING PARKING GATE ARM OPERATOR
- 12 REMOVE AND REPLACE EXISTING TRAFFIC DETECTION LOOPS
- 13 REMOVE AND DISPOSE EXISTING VEGETATION

CONSTRUCTION NOTES

- (20) PLACE 4" THICK CONCRETE SIDEWALK PER SPPWC STD 112-2
- (21) PLACE 8" THICK REINFORCED CONCRETE PER DETAIL SHEET 5
- (22) CONSTRUCT MODIFIED CASE B 'TYPE 1' CURB RAMP PER SPPWC STANDARD PLAN 111-4
- (23) CONSTRUCT 'TYPE A1-6' CURB ONLY PER SPPWC STANDARD PLAN 120-2
- (24) INSTALL BIO-CLEAN ENVIRONMENTAL CURB GUARD OR APPROVED EQUAL
- (25) CONSTRUCT CASE B 'TYPE 1' CURB RAMP PER SPPWC STANDARD PLAN 111-4
- (26) CONSTRUCT 'CASE E' LOCAL DEPRESSION AT CATCH BASIN PER SPPWC STANDARD PLAN 313-3 (H=2")
- (27) CONSTRUCT MODIFIED CASE A 'TYPE 1' CURB RAMP PER SPPWC STANDARD PLAN 111-4
- (28) PAINT 4" SOLID WHITE STRIPE
- (29) PAINT 3" SOLID WHITE STRIPE 3' O.C. AT 45 DEGREES
- (30) PAINT CURB RED
- (31) PAINT 'TYPE I 10' ARROW' PER CALTRANS STANDARD PLAN A24A
- (32) PAINT CURB GREEN
- (33) PAINT WORD PER PLAN PER CALTRANS STANDARD PLAN A24E
- (34) INSTALL NEW PAY STATIONS AND GATE ARM TO BE FURNISHED BY THE DEPARTMENT OF BEACHES AND HARBORS
- (35) FURNISH AND INSTALL NEW PROJECT CREDIT SIGN PER DETAIL SHEET 5
- (36) ADJUST EXISTING WATER VALVE TO GRADE
- (37) ADJUST EXISTING MANHOLE TO GRADE
- (38) REINSTALL EXISTING MISCELLANEOUS BOAT LAUNCH FACILITY SIGNAGE WITH NEW POSTS
- (39) ANY CONSTRUCTION WHICH OCCURS IN AND AROUND ANY EXISTING TREES WITH A CALIPER GREATER THAN 8" WHEN MEASURED 3' ABOVE FINISH GRADE, SHALL REQUIRE REVIEW BY OWNER'S APPROVED ARBORIST, PRIOR TO COMMENCING WORK.



LEGEND

EXISTING CONTOUR
PROPOSED CONTOUR
FLOWLINE
REMOVALS
PROPOSED CONCRETE

BENCHMARK

R.C.D. DESIGNATION: T-4-68
NAVD 88 ELEV. 15.09

NATIONAL GEODETIC SURVEY 1994 (SDD) IN MARINA DEL REY, AT 13715 FIJI WAY, NEAR THE SOUTHEAST CORNER OF A CONCRETE CATCH BASIN, 49.6 M (162.7 FT) NORTHEAST OF THE SOUTHEAST CORNER OF THE EL TORRITO RESTAURANT AT 13715 FIJI WAY, 5.9 M (19.4 FT) WEST OF THE CENTERLINE OF THE SOUTHBOUND LANES OF THE WAY, 4.5 M (14.8 FT) NORTH OF THE NORTH END OF A BUS PULL-OUT, AND 0.3 M (1.0 FT) ABOVE THE LEVEL OF THE WAY.



**DAVID EVANS
AND ASSOCIATES INC.**
4200 Concours, Suite 200
Ontario California 91764
Phone: 909.481.5750



DATE	MK	DESCRIPTION
REVISIONS		

PROJECT ENGINEER	DATE
------------------	------

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

MARINA DEL REY
BOAT LAUNCH RAMP AND PARKING LOT ENTRANCE
SIGNAGE AND STRIPING PLAN

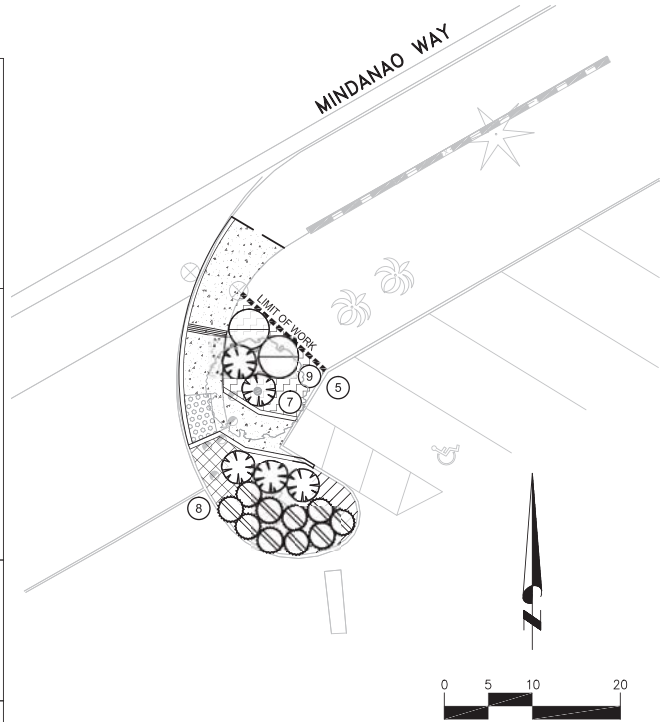
	JOB
--	-----

SHEET 4 OF 6

100% SUBMITTAL

Drawing File: P:\L\LOS\080BH0002\0400CAD\LA\Prelim\LOS\080BH0002_Preliminary.dwg Date/Time: Nov 21, 2013 - 3:34pm User: bmtf

DATE	
REVIEWED BY	
CADD PROJECT FILE NAME	
CHECKER	KSR
DESIGNER	KSR
DRAFTER	ASJ

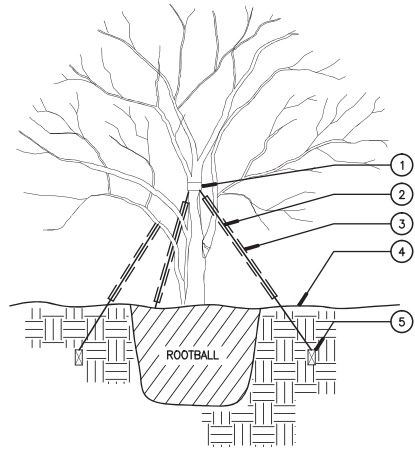


PLANT LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	REMARKS
TREES					
	METROSIDEROS EXCELSUS	NEW ZEALAND CHRISTMAS TREE	-	-	EXISTING TREE TO REMAIN, PROTECT IN PLACE
	CALLISTEMON CITRINUS	BOTTLE BRUSH	-	-	EXISTING TREE TO REMAIN, PROTECT IN PLACE
	MELALEUCA NESOPHILA	PINK MELALEUCA	24" BOX	3	MULTI-TRUNK, GUY
SHRUBS					
	CISTUS X PULVERULENTUS 'SUNSET'	ROCKROSE	5 GAL	10	
	ECHIUM FASTUOSUM	PRIDE OF MADIERA	15 GAL	3	
	LAVATERA MARITIMA	TREE MALLOW	5 GAL	5	
	LEPTOSPERMUM SCOPARIUM 'RUBY GLOW'	NEW ZEALAND TEA TREE	5 GAL	11	
	STRELITZIA REGINAE	BIRD OF PARADISE	5 GAL	14	
GROUNDCOVERS					
	GAZANIA SP.	GAZANIA	FLATS	8	8" O.C. TRIANGULAR SPACING
	LIMONIUM PEREZII	SEA LAVENDER	5 GAL	11	24" O.C. TRIANGULAR SPACING
	HEDERA HELIX 'NEEDEPOINT'	ENGLISH IVY	FLATS	-	8" O.C. TRIANGULAR SPACING
	RELOCATE & REPLANT EXISTING LILY OF THE NILE	LILY OF THE NILE	1 GAL	15	18" O.C. TRIANGULAR SPACING

CONSTRUCTION NOTES

- CONTRACTOR SHALL COORDINATE WITH COUNTY ARBORIST TO ENSURE PROTECTION OF EXISTING TREES (CALLISTEMON, METROSIDEROS) WHEN / IF ROOT PRUNING OCCURS, ANY TREE DAMAGED DURING THE REPLACEMENT OF CURB SHALL BE REPLACED AT CONTRACTOR'S COST WITH 36" BOX (MIN.) OF "LIKE" KIND.
- CONTRACTOR SHALL PROTECT EXISTING LILY OF THE NILE IN PLACE, DAMAGE TO ANY MATERIAL DURING CONSTRUCTION WILL REQUIRE THE CONTRACTOR TO REPLACE WITH "LIKE KIND" AT CONTRACTOR'S EXPENSE.
- CONTRACTOR TO PROVIDE 24" DEEP LINEAR ROOT BARRIER ADJACENT TO NEW CURB, EXTENDING 10' BEYOND TREE TRUNK IN EACH DIRECTION.
- CONTRACTOR SHALL SUPPLEMENT EXISTING PLANTING AREA BY ADDING BACKGROUND / SCREEN PLANTING, REMOVE AND RELOCATE ANY LILY OF THE NILE NECESSARY TO PLANT LARGER MATERIAL, RELOCATE AS DIRECTED BY OWNER'S AUTHORIZED REPRESENTATIVE, AND/OR LANDSCAPE ARCHITECT.
- PROTECT EXISTING IRRIGATION IN PLACE, ADJUST HEADS AND MODIFY NOZZLES IF NECESSARY TO PROVIDE COMPLETE COVERAGE TO ALL PLANTED AREAS.
- UNDERPLANT NEW LANDSCAPED AREAS WITH GAZANIA PER PLANT LEGEND.
- PROTECT EXISTING TREE IN PLACE.
- REMOVE EXISTING GROUNDCOVER / PERENNIALS / SHRUBS IN THIS AREA, PROVIDE NEW PLANTING AS NOTED AND SUPPLEMENT WITH LILY OF THE NILE AS SHOWN.
- UNDERPLANT WITH ENGLISH IVY IF EXISTING PLANT MATERIAL IS DAMAGED DURING CONSTRUCTION.
- ANY CONSTRUCTION WHICH OCCURS IN THIS AREA WILL REQUIRE REVIEW BY OWNERS APPROVED ARBORIST PRIOR TO COMMENCING WORK.



LEGEND:

- 3/4" BLACK RUBBER HOSE
- EQUALLY SPACED GUY WIRES 11 GA., GALV. STEEL 120" APART-THREE TOTAL.
- CLASS 200 PVC SLEEVE- SIZE AS NEEDED.
- FINISHED GRADE
- 'DUCKBILL' EARTH ANCHORS. MFG. BY V.I.T. PRODUCTS (800) 729-1314

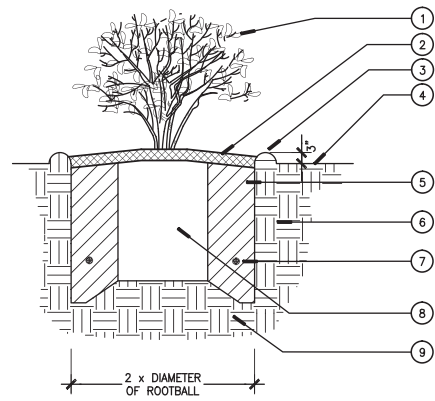
NOTE:

24" BOX OR LARGER MULTI-TRUNK SPECIMEN TREE. PROTECT GUY WIRES WITH 6" (OR APPR. LENGTH) WHITE CLASS 200 PVC PROTECTOR.

SEE TREE PLANTING DETAIL FOR PIT PREPARATION AND SOIL AMANDMENTS.

SCALE: 1/2"=1'-0"

TREE GUYING, MULTI-TRUNK



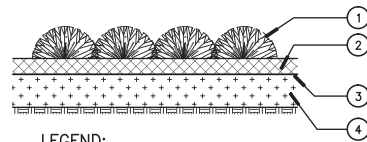
LEGEND:

- 1, 5, OR 15 GALLON SHRUB.
- 3" LAYER OF MULCH.
- 3" WATER BASIN.
- FINISH GRADE.
- AMENDED SOIL FOR PLANTING- SEE SPECS.
- PLANT PIT EXCAVATION.
- 7 GRAM PLANTING TABLET -3 PER 1 GAL. -9 PER 5 GAL. -15 PER 15 GAL.
- ROOTBALL.
- NATIVE SUBGRADE.

NOTE:

UNTANGLE MATTED ROOTS BY LOOSENING ALL ROOTS AT EDGE OF ROOT BALL W/ WATER FROM HOSE. DO NOT CRACK ROOT BALL.

SHRUB PLANTING



LEGEND:

- GROUND COVER PLANT FROM FLAT
- 3" DEEP MULCH
- FINISH GRADE
- PREPARED BACKFILL (SEE SPECIFICATIONS FOR TYPE AND DEPTH.)

NOTE:

LOCATE PLANTS SPACED EQUAL DISTANCE (D) FROM EACH OTHER AS SHOWN. D - AS NOTED ON PLAN.

GROUNDCOVER PLANTING

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

MARINA DEL REY BOAT LAUNCH RAMP AND PARKING LOT ENTRANCE LANDSCAPE IMPROVEMENT PLAN

**DAVID EVANS
AND ASSOCIATES INC.**
4200 Concourse, Suite 200
Ontario California 91764
Phone: 909.481.5750

Kim S. Rhodes
KIM S. RHODES LA # 3867 11/22/2013



DATE	MK	DESCRIPTION
		REVISIONS

PROJECT ENGINEER DATE

JOB

SHEET 6 OF 6

100% SUBMITTAL